

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SQL> cl scr

```
SQL> SELECT
  2  '1426.65' Num1,
  3  '3924.45' Num2,
  4  '1426.65' + '3924.45' Result
  5  FROM DUAL;
```

NUM1	NUM2	RESULT
1426.65	3924.45	5351.1

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  '1426.65' Num1,
3  '3924.35' Num2,
4  '1426.65' + '3924.35' Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
1426.65	3924.35	5351

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  '1426.65' Num1,
3  '3924.35' Num2,
4  TO_CHAR('1426.65' + '3924.35', '9999D99') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
1426.65	3924.35	5351.00

SQL> ED
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```
1  SELECT
2  '1426.65' Num1,
3  '3924.35' Num2,
```

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```
4 TO_CHAR('1426.65' + '3924.35', '999999D99') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
1426.65	3924.35	5351.00

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 '1426.65' Num1,
3 '3924.35' Num2,
4 TO_CHAR('1426.65' + '3924.35', '999999D9999') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
1426.65	3924.35	5351.0000

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 '1426.65' Num1,
3 '3924.35' Num2,
4 TO_CHAR('1426.65' + '3924.35', '999D99') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
1426.65	3924.35	#####

```
SQL> cl scr
```

```
SQL> SELECT Ename, Sal, Comm, Sal + NVL(Comm, 0) TotSal
2 FROM Emp;
```

ENAME	SAL	COMM	TOTSAL
KING	5000		5000
BLAKE	2850		2850
CLARK	2450		2450

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```
JONES          2975          2975
MARTIN         1250         1400         2650
ALLEN          1600          300         1900
TURNER         1500           0         1500
JAMES          950           950
WARD          1250          500         1750
FORD           3000         3000
SMITH           800          800
SCOTT           3000         3000
ADAMS           1100         1100
MILLER         1300         1300
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  TO_CHAR(Sal, '9999D99') Sal,
4  TO_CHAR(Comm, '9999D99') Comm,
5  TO_CHAR(Sal + NVL(Comm, 0), '9999D99') TotSal
6* FROM Emp
SQL> /
```

ENAME	SAL	COMM	TOTSAL
KING	5000.00		5000.00
BLAKE	2850.00		2850.00
CLARK	2450.00		2450.00
JONES	2975.00		2975.00
MARTIN	1250.00	1400.00	2650.00
ALLEN	1600.00	300.00	1900.00
TURNER	1500.00	.00	1500.00
JAMES	950.00		950.00
WARD	1250.00	500.00	1750.00
FORD	3000.00		3000.00
SMITH	800.00		800.00
SCOTT	3000.00		3000.00
ADAMS	1100.00		1100.00
MILLER	1300.00		1300.00

14 rows selected.

```
SQL> cl scr
```

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```
SQL> SELECT
  2  1234567890 Num1,
  3  12345678901 Num2
  4  FROM DUAL;
```

NUM1	NUM2
1234567890	1.2346E+10

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT
  2  TO_CHAR(1234567890, '9.9EEEE') ByForce,
  3  12345678901 Natural
  4* FROM DUAL
SQL> /
```

BYFORCE	NATURAL
1.2E+09	1.2346E+10

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT
  2  TO_CHAR(1234567890, '9.9999EEEE') ByForce,
  3  12345678901 Natural
  4* FROM DUAL
SQL> /
```

BYFORCE	NATURAL
1.2346E+09	1.2346E+10

```
SQL> cl scr
```

```
SQL> SELECT
  2  '1,456.65' Num1,
  3  '5,137.35' Num2,
  4  TO_CHAR(1456.65 + 5137.35, '9G999D99') Result
  5  FROM DUAL;
```

NUM1	NUM2	RESULT
1,456.65	5,137.35	6,594.00

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```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  '1,456.65' Num1,
3  '5,137.35' Num2,
4  TO_CHAR(1456.65 + 5137.35, '9G9G9G9D99') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
1,456.65	5,137.35	6,594.00

```
SQL> cl scr
```

```
SQL> SELECT
2  Ename,
3  TO_CHAR(Sal, '9G999D99') Sal,
4  TO_CHAR(Comm, '9G999D99') Comm,
5  TO_CHAR(Sal + NVL(Comm, 0), '9G999D99') TotSal
6  FROM Emp;
```

ENAME	SAL	COMM	TOTSAL
KING	5,000.00		5,000.00
BLAKE	2,850.00		2,850.00
CLARK	2,450.00		2,450.00
JONES	2,975.00		2,975.00
MARTIN	1,250.00	1,400.00	2,650.00
ALLEN	1,600.00	300.00	1,900.00
TURNER	1,500.00	.00	1,500.00
JAMES	950.00		950.00
WARD	1,250.00	500.00	1,750.00
FORD	3,000.00		3,000.00
SMITH	800.00		800.00
SCOTT	3,000.00		3,000.00
ADAMS	1,100.00		1,100.00
MILLER	1,300.00		1,300.00

```
14 rows selected.
```

```
SQL> cl scr
```

```
SQL> SELECT
```

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```
2 '4,234.65$' Num1,
3 '2,417.35$' Num2,
4 TO_CHAR(4234.65 + 2417.35, '9G999D99L') Result
5 FROM DUAL;
```

NUM1	NUM2	RESULT
4,234.65\$	2,417.35\$	6,652.00\$

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 '$4,234.65' Num1,
3 '$2,417.35' Num2,
4 TO_CHAR(4234.65 + 2417.35, 'L9G999D99') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
\$4,234.65	\$2,417.35	\$6,652.00

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 'INR4,234.65' Num1,
3 'INR2,417.35' Num2,
4 TO_CHAR(4234.65 + 2417.35, 'L9G999D99', 'NLS_CURRENCY = INR') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
INR4,234.65	INR2,417.35	INR6,652.00

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 '4,234.65INR' Num1,
3 '2,417.35INR' Num2,
4 TO_CHAR(4234.65 + 2417.35, '9G999D99L', 'NLS_CURRENCY = INR') Result
5* FROM DUAL
SQL> /
```

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```
NUM1          NUM2          RESULT
-----
4,234.65INR 2,417.35INR          6,652.00INR
```

SQL> cl scr

```
SQL> SELECT
  2  Ename,
  3  TO_CHAR(Sal, '9G999D99L') Sal,
  4  TO_CHAR(Comm, '9G999D99L') Comm,
  5  TO_CHAR(Sal + NVL(Comm, 0), '9G999D99L') TotSal
  6  FROM Emp;
```

ENAME	SAL	COMM	TOTSAL
KING	5,000.00\$		5,000.00\$
BLAKE	2,850.00\$		2,850.00\$
CLARK	2,450.00\$		2,450.00\$
JONES	2,975.00\$		2,975.00\$
MARTIN	1,250.00\$	1,400.00\$	2,650.00\$
ALLEN	1,600.00\$	300.00\$	1,900.00\$
TURNER	1,500.00\$.00\$	1,500.00\$
JAMES	950.00\$		950.00\$
WARD	1,250.00\$	500.00\$	1,750.00\$
FORD	3,000.00\$		3,000.00\$
SMITH	800.00\$		800.00\$
SCOTT	3,000.00\$		3,000.00\$
ADAMS	1,100.00\$		1,100.00\$
MILLER	1,300.00\$		1,300.00\$

14 rows selected.

SQL> ED
Wrote file afledt.buf

```
1  SELECT
2  Ename,
3  TRIM(TO_CHAR(Sal, '9G999D99L', 'NLS_CURRENCY = INR')) Sal,
4  TRIM(TO_CHAR(Comm, '9G999D99L', 'NLS_CURRENCY = INR')) Comm,
5  TRIM(TO_CHAR(Sal + NVL(Comm, 0), '9G999D99L', 'NLS_CURRENCY = INR'))
TotSal
6* FROM Emp
SQL> /
```

ENAME	SAL	COMM	TOTSAL
-------	-----	------	--------

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BLAKE	2,850.00INR		2,850.00INR
CLARK	2,450.00INR		2,450.00INR
JONES	2,975.00INR		2,975.00INR
MARTIN	1,250.00INR	1,400.00INR	2,650.00INR
ALLEN	1,600.00INR	300.00INR	1,900.00INR
TURNER	1,500.00INR	.00INR	1,500.00INR
JAMES	950.00INR		950.00INR
WARD	1,250.00INR	500.00INR	1,750.00INR
FORD	3,000.00INR		3,000.00INR
SMITH	800.00INR		800.00INR
SCOTT	3,000.00INR		3,000.00INR
ADAMS	1,100.00INR		1,100.00INR
MILLER	1,300.00INR		1,300.00INR

14 rows selected.

SQL> cl scr

```
SQL> SELECT
  2  Ename,
  3  Sal,
  4  Comm,
  5  Sal - Comm Diff
  6  FROM Emp
  7  WHERE Comm IS NOT NULL;
```

ENAME	SAL	COMM	DIFF
MARTIN	1250	1400	-150
ALLEN	1600	300	1300
TURNER	1500	0	1500
WARD	1250	500	750

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  Ename,
3  TO_CHAR(Sal, '9G999D99') Sal,
4  TO_CHAR(Comm, '9G999D99') Comm,
5  TO_CHAR(Sal - Comm, '9G999D99MI') Diff
6  FROM Emp
7* WHERE Comm IS NOT NULL
SQL> /
```

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ENAME	SAL	COMM	DIFF
MARTIN	1,250.00	1,400.00	150.00-
ALLEN	1,600.00	300.00	1,300.00
TURNER	1,500.00	.00	1,500.00
WARD	1,250.00	500.00	750.00

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  Ename,
3  TO_CHAR(Sal, '9G999D99') Sal,
4  TO_CHAR(Comm, '9G999D99') Comm,
5  TO_CHAR(Sal - Comm, '9G999D99PR') Diff
6  FROM Emp
7* WHERE Comm IS NOT NULL
SQL> /
```

ENAME	SAL	COMM	DIFF
MARTIN	1,250.00	1,400.00	<150.00>
ALLEN	1,600.00	300.00	1,300.00
TURNER	1,500.00	.00	1,500.00
WARD	1,250.00	500.00	750.00

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  Ename,
3  TO_CHAR(Sal, '9G999D99') Sal,
4  TO_CHAR(Comm, '9G999D99') Comm,
5  TO_CHAR(Sal - Comm, '9G999D99PT') Diff
6  FROM Emp
7* WHERE Comm IS NOT NULL
SQL> /
```

ENAME	SAL	COMM	DIFF
MARTIN	1,250.00	1,400.00	(150.00)
ALLEN	1,600.00	300.00	1,300.00
TURNER	1,500.00	.00	1,500.00
WARD	1,250.00	500.00	750.00

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```
SQL> cl scr
```

```
SQL> SELECT
```

```
2 'The Roman Number of Decimal '||&&Gvalue||' is '||TO_CHAR(&&Gvalue,
```

```
'RN') Deci2Roman
```

```
3 FROM DUAL;
```

```
Enter value for gvalue: 1
```

```
DECI2ROMAN
```

```
-----  
The Roman Number of Decimal 1 is I
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1 SELECT
```

```
2 'The Roman Number of Decimal '||&&Gvalue||' is '||TO_CHAR(&&Gvalue,
```

```
'rn') Deci2Roman
```

```
3* FROM DUAL
```

```
SQL> /
```

```
DECI2ROMAN
```

```
-----  
The Roman Number of Decimal 1 is i
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1 SELECT
```

```
2 'The Roman Number of Decimal '||&&Gvalue||' is '||TRIM(TO_CHAR(&&Gvalue,
```

```
'RN')) Deci2Roman
```

```
3* FROM DUAL
```

```
SQL> DEFINE GValue = 8
```

```
SQL> /
```

```
DECI2ROMAN
```

```
-----  
The Roman Number of Decimal 8 is VIII
```

```
SQL> DEFINE GValue = 235
```

```
SQL> /
```

```
DECI2ROMAN
```

```
-----  
The Roman Number of Decimal 235 is CCXXXV
```

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```
SQL> DEFINE GValue = 3456
SQL> /
```

```
DECI2ROMAN
```

```
-----
The Roman Number of Decimal 3456 is MMMCDLVI
```

```
SQL> /
```

```
DECI2ROMAN
```

```
-----
The Roman Number of Decimal 3456 is MMMCDLVI
```

```
SQL> DEFINE GValue = 3999
SQL> /
```

```
DECI2ROMAN
```

```
-----
The Roman Number of Decimal 3999 is MMMCMXCIX
```

```
SQL> DEFINE GValue = 4000
SQL> /
```

```
DECI2ROMAN
```

```
-----
The Roman Number of Decimal 4000 is #####
```

```
SQL> cl scr
```

```
SQL> SELECT
  2  Ename,
  3  TO_CHAR(Sal, '9G999D99') Sal,
  4  TO_CHAR(Comm, '9G999D99') Comm,
  5  TO_CHAR(Sal - Comm, '9G999D99S') Diff
  6  FROM Emp
  7  WHERE Comm IS NOT NULL;
```

ENAME	SAL	COMM	DIFF
MARTIN	1,250.00	1,400.00	150.00-
ALLEN	1,600.00	300.00	1,300.00+
TURNER	1,500.00	.00	1,500.00+
WARD	1,250.00	500.00	750.00+

```
SQL> cl scr
```

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```
SQL> SELECT
  2  'The Hexadecimal Value of Decimal '||&GValue||' is
' ||TO_CHAR(&GValue, 'X') Deci2Hexa
  3  FROM DUAL;
```

DECI2HEXA

The Hexadecimal Value of Decimal 4000 is ##

```
SQL> DEFINE GValue = 10
SQL> /
```

DECI2HEXA

The Hexadecimal Value of Decimal 10 is A

```
SQL> DEFINE GValue = 11
SQL> /
```

DECI2HEXA

The Hexadecimal Value of Decimal 11 is B

```
SQL> DEFINE GValue = 12
SQL> /
```

DECI2HEXA

The Hexadecimal Value of Decimal 12 is C

```
SQL> ED
Wrote file afiedt.buf
```

```
  1  SELECT
  2  'The Hexadecimal Value of Decimal '||&GValue||' is
' ||TO_CHAR(&GValue, 'x') Deci2Hexa
  3* FROM DUAL
```

```
SQL> DEFINE GValue = 13
SQL>
```

DECI2HEXA

The Hexadecimal Value of Decimal 13 is d

```
SQL> DEFINE GValue = 14
SQL> /
```

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DECI2HEXA

The Hexadecimal Value of Decimal 14 is e

SQL> DEFINE GValue = 15
SQL> /

DECI2HEXA

The Hexadecimal Value of Decimal 15 is f

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  'The Hexadecimal Value of Decimal '||&GValue||' is
'||TO_CHAR(&GValue, 'X') Deci2Hexa
3* FROM DUAL
SQL> DEFINE GValue = 16
SQL> /
```

DECI2HEXA

The Hexadecimal Value of Decimal 16 is ##

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  'The Hexadecimal Value of Decimal '||&GValue||' is
'||TRIM(TO_CHAR(&GValue, 'XXXXXXXXXXXXXXXX')) Deci2Hexa
3* FROM DUAL
SQL> /
```

DECI2HEXA

The Hexadecimal Value of Decimal 16 is 10

SQL> /

DECI2HEXA

The Hexadecimal Value of Decimal 16 is 10

SQL> DEFINE GValue = 24123

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SQL> /

DECI2HEXA

The Hexadecimal Value of Decimal 24123 is 5E3B

SQL> DEFINE GValue = 7694565

SQL> /

DECI2HEXA

The Hexadecimal Value of Decimal 7694565 is 7568E5

SQL> cl scr

SQL> SELECT

```
2  '5,234.45' Num1,
3  '2,736.55' Num2,
4  TO_CHAR(5234.45 + 2736.55, '9,999D99') Result
5  FROM DUAL;
TO_CHAR(5234.45 + 2736.55, '9,999D99') Result
*
```

ERROR at line 4:

ORA-01481: invalid number format model

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  '5,234.45' Num1,
3  '2,736.55' Num2,
4  TO_CHAR(5234.45 + 2736.55, '9,999.99') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
5,234.45	2,736.55	7,971.00

SQL> ED

Wrote file afiedt.buf

```
1  SELECT
2  '$5,234.45' Num1,
3  '$2,736.55' Num2,
```

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```
4 TO_CHAR(5234.45 + 2736.55, '$9,999.99') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
\$5,234.45	\$2,736.55	\$7,971.00

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 '5,234.45$' Num1,
3 '2,736.55$' Num2,
4 TO_CHAR(5234.45 + 2736.55, '9,999.99$') Result
5* FROM DUAL
SQL> /
```

NUM1	NUM2	RESULT
5,234.45\$	2,736.55\$	\$7,971.00

```
SQL> cl scr
```

```
SQL> SELECT
2 Ename,
3 TO_CHAR(Sal, '9G999D99') Sal,
4 TO_CHAR(Comm, '9G999D99') Comm,
5 TO_CHAR(Sal + NVL(Comm, 0), '9G999D99') TotSal
6 FROM Emp;
```

ENAME	SAL	COMM	TOTSAL
KING	5,000.00		5,000.00
BLAKE	2,850.00		2,850.00
CLARK	2,450.00		2,450.00
JONES	2,975.00		2,975.00
MARTIN	1,250.00	1,400.00	2,650.00
ALLEN	1,600.00	300.00	1,900.00
TURNER	1,500.00	.00	1,500.00
JAMES	950.00		950.00
WARD	1,250.00	500.00	1,750.00
FORD	3,000.00		3,000.00
SMITH	800.00		800.00
SCOTT	3,000.00		3,000.00
ADAMS	1,100.00		1,100.00

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```
MILLER      1,300.00      1,300.00
```

```
14 rows selected.
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  TO_CHAR(Sal, '0G999D99') Sal,
4  TO_CHAR(Comm, '0G999D99') Comm,
5  TO_CHAR(Sal + NVL(Comm, 0), '0G999D99') TotSal
6* FROM Emp
SQL> /
```

ENAME	SAL	COMM	TOTSAL
KING	5,000.00		5,000.00
BLAKE	2,850.00		2,850.00
CLARK	2,450.00		2,450.00
JONES	2,975.00		2,975.00
MARTIN	1,250.00	1,400.00	2,650.00
ALLEN	1,600.00	0,300.00	1,900.00
TURNER	1,500.00	0,000.00	1,500.00
JAMES	0,950.00		0,950.00
WARD	1,250.00	0,500.00	1,750.00
FORD	3,000.00		3,000.00
SMITH	0,800.00		0,800.00
SCOTT	3,000.00		3,000.00
ADAMS	1,100.00		1,100.00
MILLER	1,300.00		1,300.00

```
14 rows selected.
```

```
SQL> ED
```

```
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  TO_CHAR(Sal, '0G999D99') Sal,
4  TO_CHAR(NVL(Comm, 0), '0G999D99') Comm,
5  TO_CHAR(Sal + NVL(Comm, 0), '0G999D99') TotSal
6* FROM Emp
SQL> /
```

ENAME	SAL	COMM	TOTSAL
-------	-----	------	--------

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```
-----
KING          5,000.00  0,000.00  5,000.00
BLAKE         2,850.00  0,000.00  2,850.00
CLARK         2,450.00  0,000.00  2,450.00
JONES         2,975.00  0,000.00  2,975.00
MARTIN        1,250.00  1,400.00  2,650.00
ALLEN         1,600.00  0,300.00  1,900.00
TURNER        1,500.00  0,000.00  1,500.00
JAMES         0,950.00  0,000.00  0,950.00
WARD          1,250.00  0,500.00  1,750.00
FORD          3,000.00  0,000.00  3,000.00
SMITH         0,800.00  0,000.00  0,800.00
SCOTT         3,000.00  0,000.00  3,000.00
ADAMS         1,100.00  0,000.00  1,100.00
MILLER        1,300.00  0,000.00  1,300.00
-----
```

14 rows selected.

SQL> cl scr

```
SQL> --Country Name      Abbreviation  Country Currency Abbreviation
      ISO Currency
SQL> -----
```

```
SQL> --      USA          US          DOLLAR          D          USD
```

```
SQL> --INDIA            IN          RUPEE          R          INR
```

```
SQL> --PAKISTAN         PK          RUPEE          R          PKR
```

SQL>

SQL> SELECT

```
2  Ename,
3  TO_CHAR(Sal, '9G999D99C') Sal,
4  TO_CHAR(Comm, '9G999D99C') Comm,
5  TO_CHAR(Sal+ NVL(Comm, 0), '9G999D99C') TotSal
6  FROM Emp;
```

```
-----
ENAME      SAL      COMM      TOTSAL
-----
KING       5,000.00USD
BLAKE      2,850.00USD
CLARK      2,450.00USD
JONES      2,975.00USD
MARTIN     1,250.00USD      1,400.00USD      2,650.00USD
ALLEN      1,600.00USD      300.00USD      1,900.00USD
TURNER     1,500.00USD      .00USD      1,500.00USD
JAMES      950.00USD      950.00USD
WARD       1,250.00USD      500.00USD      1,750.00USD
-----
```

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```
.....
FORD          3,000.00USD          3,000.00USD
SMITH         800.00USD            800.00USD
SCOTT         3,000.00USD          3,000.00USD
ADAMS         1,100.00USD          1,100.00USD
MILLER        1,300.00USD          1,300.00USD
```

14 rows selected.

SQL> cl scr

```
SQL> SELECT
  2  'Today is : '||SYSDATE||TO_CHAR(SYSDATE, ' B.C.') Today
  3  FROM DUAL;
```

TODAY

Today is : 31-JUL-14 A.D.

```
SQL> SELECT
  2  Ename, HireDate||TO_CHAR(HireDate, ' B.C.') Hiredate
  3  FROM Emp;
Ename, HireDate||TO_CHAR(HireDate, ' B.C.') Hiredate
*
```

ERROR at line 2:
ORA-01821: date format not recognized

SQL> ED
Wrote file afiedt.buf

```
  1  SELECT
  2  Ename, HireDate||TO_CHAR(HireDate, ' B.C.') Hiredate
  3* FROM Emp
```

SQL> /

```
ENAME      HIREDATE
-----
KING       17-NOV-81 A.D.
BLAKE      01-MAY-81 A.D.
CLARK      09-JUN-81 A.D.
JONES      02-APR-81 A.D.
MARTIN     28-SEP-81 A.D.
ALLEN      20-FEB-81 A.D.
TURNER     08-SEP-81 A.D.
JAMES      03-DEC-81 A.D.
WARD       22-FEB-81 A.D.
```

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```
FORD      03-DEC-81 A.D.
SMITH     17-DEC-80 A.D.
SCOTT     09-DEC-82 A.D.
ADAMS     12-JAN-83 A.D.
MILLER    23-JAN-82 A.D.
```

14 rows selected.

SQL> cl scr

```
SQL> SELECT
  2  'The Meridian in My Clock is : '||TO_CHAR(SYSDATE, 'A.M.') Meridian
  3  FROM DUAL;
```

MERIDIAN

The Meridian in My Clock is : P.M.

SQL> cl scr

```
SQL> SELECT
  2  'The Current Century is '||TO_CHAR(SYSDATE, 'CC, B.C.') Century
  3  FROM DUAL;
```

CENTURY

The Current Century is 21, A.D.

```
SQL> SELECT
  2  Ename,
  3  HireDate||TO_CHAR(Hiredate, ' CC, B.C.') Hiredate
  4  FROM Emp;
```

ENAME	HIREDATE
KING	17-NOV-81 20, A.D.
BLAKE	01-MAY-81 20, A.D.
CLARK	09-JUN-81 20, A.D.
JONES	02-APR-81 20, A.D.
MARTIN	28-SEP-81 20, A.D.
ALLEN	20-FEB-81 20, A.D.
TURNER	08-SEP-81 20, A.D.
JAMES	03-DEC-81 20, A.D.
WARD	22-FEB-81 20, A.D.
FORD	03-DEC-81 20, A.D.
SMITH	17-DEC-80 20, A.D.

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```
SCOTT      09-DEC-82 20, A.D.
ADAMS      12-JAN-83 20, A.D.
MILLER     23-JAN-82 20, A.D.
```

14 rows selected.

```
SQL> ED
Wrote file afiedt.buf
```

```
1  SELECT
2  Ename,
3  HireDate||TO_CHAR(HireDate, ' " Century : "CC B.C.') Hiredate
4* FROM Emp
SQL> /
```

ENAME	HIREDATE
KING	17-NOV-81 Century : 20 A.D.
BLAKE	01-MAY-81 Century : 20 A.D.
CLARK	09-JUN-81 Century : 20 A.D.
JONES	02-APR-81 Century : 20 A.D.
MARTIN	28-SEP-81 Century : 20 A.D.
ALLEN	20-FEB-81 Century : 20 A.D.
TURNER	08-SEP-81 Century : 20 A.D.
JAMES	03-DEC-81 Century : 20 A.D.
WARD	22-FEB-81 Century : 20 A.D.
FORD	03-DEC-81 Century : 20 A.D.
SMITH	17-DEC-80 Century : 20 A.D.
SCOTT	09-DEC-82 Century : 20 A.D.
ADAMS	12-JAN-83 Century : 20 A.D.
MILLER	23-JAN-82 Century : 20 A.D.

14 rows selected.

```
SQL> cl scr
```

```
SQL> SELECT
2  'Today is : '||TO_CHAR(SYSDATE, 'Day, ')||SYSDATE Today
3  FROM DUAL;
```

```
TODAY
-----
Today is : Thursday , 31-JUL-14
```

```
SQL> R
1  SELECT
```

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```
2 'Today is : '||TO_CHAR(SYSDATE, 'Day, ')||SYSDATE Today
3* FROM DUAL
```

TODAY

Today is : Wednesday, 30-JUL-14

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 'Today is : '||TO_CHAR(SYSDATE, 'Day"("DY")", ')||SYSDATE Today
3* FROM DUAL
SQL> /
```

TODAY

Today is : Wednesday(WED), 30-JUL-14

```
SQL> ED
Wrote file afiedt.buf
```

```
1 SELECT
2 'Today is : '||TO_CHAR(SYSDATE, 'Day"("DY-D")", ')||SYSDATE Today
3* FROM DUAL
SQL> /
```

TODAY

Today is : Wednesday(WED-4), 30-JUL-14

```
SQL> R
1 SELECT
2 'Today is : '||TO_CHAR(SYSDATE, 'Day"("DY-D")", ')||SYSDATE Today
3* FROM DUAL
```

TODAY

Today is : Thursday (THU-5), 31-JUL-14

```
SQL> cl scr
```

```
SQL> SELECT
2 Ename, HireDate, TO_CHAR(Hiredate, 'Day') WeekDay
3 FROM Emp;
```

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ENAME	HIREDATE	WEEKDAY
KING	17-NOV-81	Tuesday
BLAKE	01-MAY-81	Friday
CLARK	09-JUN-81	Tuesday
JONES	02-APR-81	Thursday
MARTIN	28-SEP-81	Monday
ALLEN	20-FEB-81	Friday
TURNER	08-SEP-81	Tuesday
JAMES	03-DEC-81	Thursday
WARD	22-FEB-81	Sunday
FORD	03-DEC-81	Thursday
SMITH	17-DEC-80	Wednesday
SCOTT	09-DEC-82	Thursday
ADAMS	12-JAN-83	Wednesday
MILLER	23-JAN-82	Saturday

14 rows selected.

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  Ename, HireDate, TO_CHAR(Hiredate, 'Day') WeekDay
3  FROM Emp
4* WHERE TO_CHAR(Hiredate, 'Day') = 'Friday'
SQL> /
```

no rows selected

SQL> ED
Wrote file afiedt.buf

```
1  SELECT
2  Ename, HireDate, TO_CHAR(Hiredate, 'Day') WeekDay
3  FROM Emp
4* WHERE TO_CHAR(Hiredate, 'Day') = 'Friday'
SQL> /
```

ENAME	HIREDATE	WEEKDAY
BLAKE	01-MAY-81	Friday
ALLEN	20-FEB-81	Friday

SQL> ED
Wrote file afiedt.buf

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```
1  SELECT
2  Ename, HireDate, TO_CHAR(Hiredate, 'Day') WeekDay
3  FROM Emp
4* WHERE TRIM(TO_CHAR(Hiredate, 'Day')) = 'Friday'
SQL> /
```

ENAME	HIREDATE	WEEKDAY
BLAKE	01-MAY-81	Friday
ALLEN	20-FEB-81	Friday

```
SQL> SPOOL OFF
```

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